

60130-984

Claim 5 has been amended to depend on claim 4 to create an antecedent basis for the annular recess. Claim 8 has been amended to change "sid" to "said."

Claims 1, 4, 5 and 8 stand rejected under 35 USC 102(b) as being clearly anticipated by Schechinger. Schechinger does not disclose a magnetic ring attached to an outer surface of a commutator as required by Applicant's claims. Schechinger discloses an electromotive drive device having a spacing bushing 33 mounted on a drive shaft 14. A magnet wheel 34 is pressed or mounted onto the spacing bushing 33. As shown in Figure 1, the magnetic wheel 34 is spaced from the commutator 15. Alternately, as shown in Figure 2, the magnetic ring 34a does not rotate and is illustrated as contacting an edge of the commutator 15. As disclosed on page 4, lines 2-3, the magnet wheel 34a is pressed against a stop, such as a commutator 15. Applicant's claims require that the magnetic ring is attached to an outer surface of a body of a commutator. The outer surface is claimed as being the surface which is opposite to the surface of the commutator mounted on a shaft. The magnetic ring 34a is pressed against an edge of the commutator 15 of Schechinger, but the magnetic ring 34a is not mounted on an outer surface of the commutator as required by Applicant's claims. Scheschinger does not disclose Applicant's claims, and Applicant requests that the rejection be withdrawn.

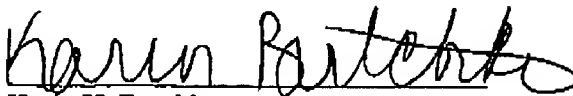
Additionally, claims 4 and 5 requires a magnetic ring housed in an annular recess at an end of the commutator. Scheschinger does not disclose that the commutator includes any annular recess at an end of the commutator that houses a magnetic ring. As previously stated, the magnetic ring does not contact an outer surface of the commutator. Claims 4 and 5 are further not anticipated.

Thus, claims 1, 4, 5 and 8 are in condition for allowance. No additional fees are seen to be required. If any additional fees are due, however, the Commissioner is authorized to charge Deposit Account No. 50-1482, in the name of Carlson, Gaskey & Olds, P.C., for any additional fees or credit the account for any overpayment. Therefore, favorable reconsideration and allowance of this application is respectfully requested.

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Respectfully submitted,

CARLSON, GASKEY & OLDS, P.C.



Karin H. Butchko

Registration No. 45,864

400 W. Maple Road, Suite 350


Birmingham, MI 48009

(248) 988-8360

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CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, TC2800, After Final, (703) 872-9319 on this 17th day of February 2003.



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

- SPECIFICATION -

Please amend the title of the invention:

**A MOTORIZED REDUCTION GEAR WITH A COMMUTATOR HAVING AN
INTEGRAL MAGNETIC RING [FOR FUNCTIONAL EQUIPMENT OF A VEHICLE]**

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VERSION WITH MARKINGS TO SHOW CHANGES MADE--ABSTRACT--

Please amend the abstract as follows:

A ~~motorized~~ [Motorized] reduction gear intended for functional equipment of a vehicle[, comprising] includes a rotor ~~having~~ [provided] with a rotor shaft bearing a commutator, [and] a reduction gearbox containing a gearwheel engaged with a worm belonging to the shaft, and [also] a magnetic ring ~~attached to the commutator and mounted on the shaft to count~~ [in order that] the number of shaft rotations [can be counted, characterized in that the magnetic ring is attached to the commutator]. The ring can be attached ~~to the commutator~~ in various ways, for example by overmolding the ring on the body such that [,] the ring lies [lying] over virtually the entire length of the body. [and the hooks for retaining] ~~Hooks that retain~~ the electrical connection of the rotor ~~are~~ [being] attached to the magnetic ring. The attachment of the ring directly on the ~~commutator~~ [communicator], of which the ring [it] forms an integral part, makes it possible to ensure reliable and lasting retention of the ring.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

~~CLAIMS~~

Please amend claims 5 and 8.

5. (TWICE AMENDED) The motorized reduction gear as recited in Claim 4 [1], wherein said annular recess is at an end of said commutator which is free of hooks for retaining a plurality of electrical connectors of said rotor.

8. (AMENDED) The motorized reduction gear as recited in claim 4 wherein said end of said [sid] commutator is free of hooks.